

WAYNE STATE UNIVERSITY  
Division of Engineering Technology

Curriculum: MCT  
Admsn Date: May 01

Name:  
ID:

| Category & CrHr Req           | Course                     | WSU                              |         |     |      | Transfer  |                  |    | Remarks                 | Cr remaining |
|-------------------------------|----------------------------|----------------------------------|---------|-----|------|-----------|------------------|----|-------------------------|--------------|
|                               |                            | Cr Req                           | Cr Earn | Grd | Terr | School    | Course           | Cr |                         |              |
| Math Science<br>29            | CSC 1050                   | Intro to C & Unix                | 2       |     |      |           | CPS 165          |    | /140                    |              |
|                               | MAT 1800                   | Elemntary Functions              | 4       |     |      |           | MTH 151          |    |                         |              |
|                               | MAT 3430                   | Appl Dif & Intg Calc             | 4       |     |      |           | MTH 211          |    | /161/162                |              |
|                               | MAT 3450                   | Appl Calc & Diff Eqns            | 4       |     |      |           |                  |    |                         |              |
|                               | CHM 1020                   | General Chemistry                | 4       |     |      |           | CHM 101          |    |                         |              |
|                               | PHY 2130,1                 | General Physics                  | 4       |     |      |           | PHY 111          |    |                         |              |
|                               | PHY 2140,1                 | General Physics                  | 4       |     |      |           | PHY 112          |    |                         |              |
|                               |                            | Life Science                     | 3       |     |      |           | PSY 211          |    | /BIO 111                | 29           |
| MCT Technical Core<br>42      | E T 3030                   | Statics                          | 3       |     |      |           | MT250/251        |    |                         |              |
|                               | E T 3050                   | Dynamics                         | 3       |     |      |           |                  |    |                         |              |
|                               | E T 3850                   | Reliab & Engg Stat               | 3       |     |      |           |                  |    |                         |              |
|                               | E T 3870                   | Engg Econ Analysis               | 3       |     |      |           |                  |    |                         |              |
|                               | EET 3010                   | Instrumentation                  | 3       |     |      |           |                  |    |                         |              |
|                               | MIT 3510                   | Manufacturing Processes          | 3       |     |      |           | MET 100/110      |    |                         |              |
|                               | MCT 3100                   | Mechanics of Materials           | 3       |     |      |           |                  |    |                         |              |
|                               | MCT 3150                   | Applied Thermodynamics           | 4       |     |      |           |                  |    |                         |              |
|                               | MCT 3180                   | Fluid Mechanics                  | 4       |     |      |           |                  |    |                         |              |
|                               | MCT 3410                   | Kinematics & Dynamics of Machine | 3       |     |      |           |                  |    |                         |              |
|                               | MCT 4400                   | Design of Machine Elements       | 3       |     |      |           |                  |    |                         |              |
| MCT                           | UpperDiv TechElect         | 4                                |         |     |      |           |                  |    |                         |              |
| E T 4999                      | Senior Project             | 3                                |         |     |      |           |                  |    | 42                      |              |
| Lower Div TechTrans MCT<br>30 | REQUIRED LOWER DIV COURSES |                                  |         |     |      |           |                  |    |                         |              |
|                               | E T 1140                   | Engg Graphics                    | 3       |     |      |           | DRF 104          |    | /DRF 105                |              |
|                               | E T 2140                   | Computer Graphics                | 3       |     |      |           | DRF 120          |    | Appropriate Technical   |              |
|                               | E T 2200                   | Engg Materials                   | 3       |     |      |           | ENGR 201         |    | Courses from AAS degree |              |
|                               | EET 2000                   | Electrical Principles            | 3       |     |      |           | EET 120          |    |                         |              |
|                               | MCT/MIT                    | Other Lower Div Technical        | 18      |     |      |           |                  |    |                         | 30           |
| Communi-cation<br>9           |                            | Basic Composition                | 3       |     |      |           | ENG 111          |    |                         |              |
|                               | ENG 3050                   | Intermediate Writing             | 3       |     |      |           | ENG112/113       |    | Acceptable              |              |
|                               | ENG 3060                   | Oral Communication               | 3       |     |      |           | SPH 112          |    |                         |              |
|                               |                            | English Prof Exam                | 0       |     |      |           |                  |    |                         | 9            |
| General Education<br>18       |                            | Critical Thinkq Ex               | 0       |     |      |           |                  |    |                         |              |
|                               |                            | Historical Studies               | 3       |     |      |           | HIS111/112       |    |                         |              |
|                               |                            | AmericnSociety&Instns            | 3       |     |      |           | POL 103          |    |                         |              |
|                               |                            | Social Science                   | 3       |     |      |           | ECN 221          |    | /SOC 211                |              |
|                               |                            | Foreign Culture                  | 3       |     |      |           |                  |    |                         |              |
|                               |                            | Visual&PerformqArts              | 3       |     |      |           | ART151/152       |    |                         |              |
|                               |                            | Philosophy&Letters               | 3       |     |      |           | PHL 211          |    | /212                    | 18           |
| Total=                        | 128                        | ERR <HPA in Div of E T           |         |     |      | 0 <WSU Cr | Total Transfer = | 0  | Cr Remaining =          | 128          |

- WARNINGS: (1) Maximum 64 semester credits can be transferred from Community Colleges.  
 (2) Transfer credits are subject to WSU Transfer Student Statute and may be revised.  
 (3) Minimum 30 credits MUST be earned from WSU and 24 credits in the Div of E T courses.

ADVISOR: G Liao/V Sheyman/M E Ssemakula CHAIR: M S Rathod PREPARED: Pat Kosmyna